



Hurricane Harvey 2017 8/27/2017 – 0800 CDT Update

NOAA Hurricane Status

Harvey has been downgraded to a **tropical storm** with sustained winds of 40 mph and is moving south by southwest at 1 mph. Landfall occurred as a Category 4 Hurricane. Harvey is likely to meander near or just inland of the middle Texas coast through the weekend.

Multiple flood, flash flood, hazardous weather and storm surge warnings are still in place along the coast from Corpus Christi to Louisiana.

Harris and Galveston Counties are reporting major rainfall and flooding, some areas have received up to 24 inches of rain in the past 24 hours. **Conditions within the City of Houston metropolitan area of 5.6 million people has significantly deteriorated and flooding is wide spread.**

According to the Texas Department of Emergency Management (TDEM), as of 1400 on August 26, 2017, mandatory evacuations have been ordered in 8 Counties and 13 communities while 4 Counties and 27 communities have voluntary evacuations.

From the Electric Reliability Council of Texas (ERCOT), as of 1700 hours on August 26, 2017, slightly fewer than 300,000 consumers were without power on the Texas Gulf Coast due to Hurricane Harvey.

President Trump signed the Disaster Declaration for the six counties requested by Governor Abbott of Texas. The following counties are included in the declaration: **Bee, Goliad, Kleberg, Nueces, Refugio and San Patricio.**

EPA Response/State Support

EPA Houston Facility will remain closed on Monday and most likely Tuesday. The laboratory and office building is not damaged however all nearby roadways are flooded. EPA mobile laboratory and response vehicles are secure and can be deployed when road conditions allow.

The TDEM Situation Report shows that the Texas Commission on Environmental Quality (TCEQ) and Texas General Land Office (GLO) are coordinating with agency partners, including EPA, on the Natural Disaster Operational Workgroup (NDOW) to prepare for potential response activities. This coordination ensures the EPA Region 6 data management software, Response Manager, is up to date and agency NDOW leads are communicating with state/federal partners.

EPA continues to support FEMA at the Regional Response Coordination Center in Denton, TX.

The EPA representative to the State of Texas Operations Center (SOC) has integrated into the FEMA Incident Management Team Operations Section. The EPA representative is participating in discussions regarding infrastructure and debris management. TCEQ anticipates initiating contact with drinking water and waste water systems in the near future. TCEQ reported that they have pre-approved debris management staging areas designated and are encouraging municipalities and counties to start coordinating with TCEQ on use of these facilities. Additional debris management staging areas must be approved by TCEQ.

Two EPA technical assistance contractors have remobilized to Robstown, TX after temporarily evacuating due to the impending storm.

Funding

Per standard operating procedures, FEMA is reissuing the current Mission Assignment under the Disaster Declaration category since a Presidential Declaration has been made. Tasking under the Mission Assignment has not changed.

Refineries/Fuel Waivers

A second waiver request from the State of Texas was approved by Administrator Pruitt. It expands the waiver request to include the four-county Dallas/ Fort Worth Reformulated Gas area, the 98 counties (includes 3 counties in Beaumont area) required to use low Reid Vapor Pressure Fuel, and the entire 110 county area required to use Texas Low Emission Diesel fuel. The State/EPA Emergency Fuel Waiver Team will continue to have coordination calls throughout the weekend.

Per the Department of Energy, as of 1130 CDT, August 26, 428,568 barrels per day of the oil production and 835 million cubic feet per day of the natural gas production in the federally administered areas of the U.S. Gulf of Mexico are shut-in.

As of 1400 PM CDT, August 26, all six refineries in the Corpus Christi area have been shut down, according to public reports. These refineries have a combined refining capacity of 924,720 barrels per day, equal to 18.4% of total Gulf Coast refining capacity. In addition, three refineries in the Houston/Galveston region area were operating at reduced rates.

Drinking Water/Waste Water

The EPA Region 6 is currently working with TCEQ to develop a comprehensive list of potentially impacted systems.

TCEQ is reporting the following Boil Water Notices (BWN) and Issues as of 1800 CDT on August 26, 2017:

Hurricane Harvey Boil Water Notice and Issue Tracking- 2017						
BWN/ Issue	Water System Name	Population	Issue/ Start Date	Rescind/ Start-up Date	County	BWN/Shutdown Reason
Shutdown	Matagorda Dunes Subdivision	426	8/25/2017		Matagorda	Mandatory Evacuation Notice

BWN	City of Corpus Christi	325733	8/25/2017		Nueces	Unable to determine quality
BWN	City of Goliad	2025	8/26/2017		Goliad	No electricity, generator not working
BWN	San Patricio County Municipal Water District	225	8/25/2017		San Patricio	
BWN	Flint Hills Resources	2183	8/26/2017		Nueces	
BWN	Port O'Conner Improvement District	1250	8/26/2017		Calhoun	
BWN	City of Victoria	62592	8/26/2017		Victoria	Generator should be there in 24 hours, limited water at this time and under BWN

Assessing Conditions at Major Industrial Facilities

EPA Region 6 continues to monitor the National Spill Hotline for updates from facilities in the area affected by Hurricane Harvey. As of 0600 hours on August 27, 2017, the call volume to the Hotline remains low. The Region anticipates increased call volume after facilities initiate startup procedures and areas are reoccupied.

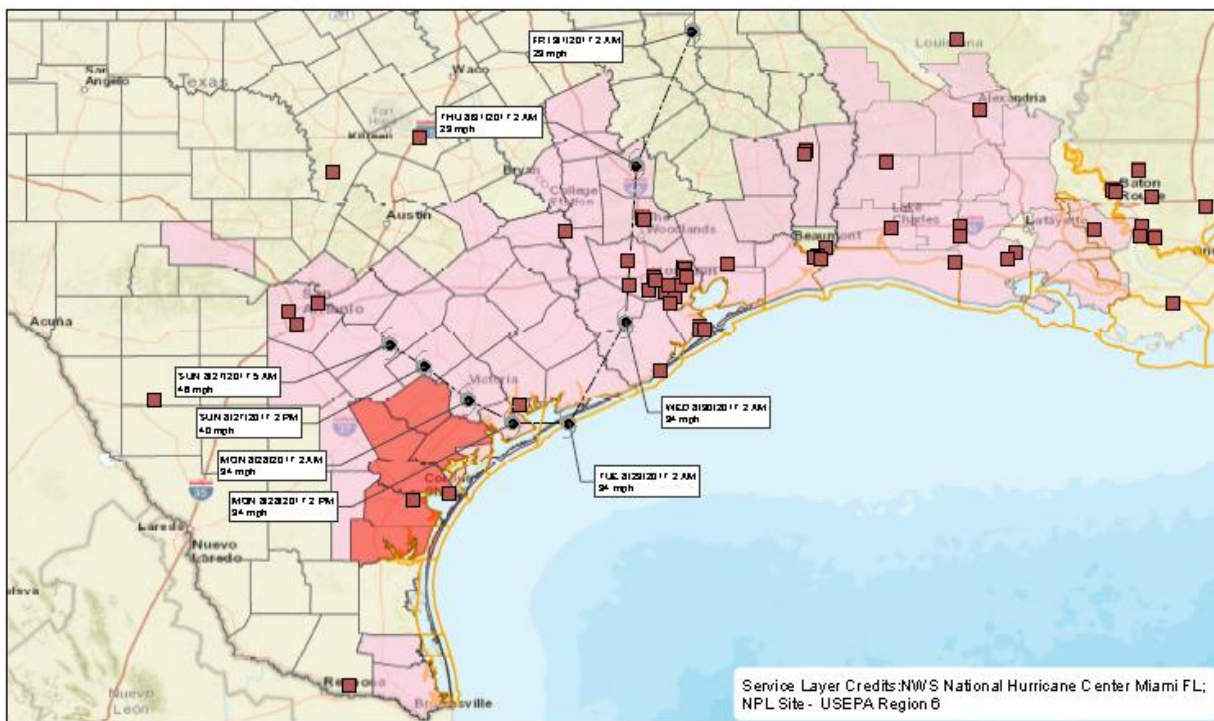
Securing Superfund Sites

EPA will start contacting site operators Monday morning to get status updates.

The following is a list of 30 NPL sites located in the now 50 counties declared by the State of Texas.

SITE_NAME	COUNTY
JASPER CREOSOTING	JASPER
HART CREOSOTING	JASPER
UNITED CREOSOTING CO.	MONTGOMERY
PETRO-CHEMICAL SYSTEMS, INC. (Turtle Bayou)	LIBERTY
SHERIDAN DISPOSAL SERVICES	WALLER
STAR LAKE CANAL	JEFFERSON
SIKES DISPOSAL PITS	HARRIS
FRENCH, LTD.	HARRIS
HIGHLANDS ACID PIT	HARRIS
NORTH CAVALCADE STREET	HARRIS
SOUTH CAVALCADE STREET	HARRIS
CRYSTAL CHEMICAL CO.	HARRIS

SOL LYNN / INDUSTRIAL TRANSFORMERS	HARRIS
GENEVA INDUSTRIES / FUHRMANN ENERGY	HARRIS
MANY DIVERSIFIED INTERESTS, INC	HARRIS
TEX-TIN CORP.	GALVESTON
MOTCO, INC.	GALVESTON
ALCOA (Point Comfort) / LAVACA BAY	CALHOUN
MALONE SERVICES COMPANY	GALVESTON
PATRICK BAYOU	HARRIS
R & H OIL / TROPICANA	BEXAR
BRINE SERVICE CO.	NUECES
FALCON REFINERY	SAN PATRICIO
GULFCO MARINE MAINTENANCE	BRAZORIA
CONROE CREOSOTING COMPANY	MONTGOMERY
JONES ROAD GROUNDWATER PLUME	HARRIS
BANDERA ROAD GROUND WATER PLUME	BEXAR
SAN JACINTO RIVER WASTE PITS	HARRIS
US OIL RECOVERY	HARRIS
ELDORADO CHEMICAL CO., INC.	BEXAR



Legend

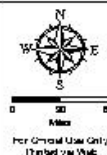
- NPL Sites
- Coast Guard Area of Responsibility
- Federally Declared
- State Declared

National Hurricane Center

- Forecast Track
- Tropical Storm/
Hurricane

USEPA Region 6 National Priority List (NPL) Sites in Declared Counties/Parishes

Hurricane Harvey Response
National Weather Service
Public Advisory #28
0400 CDT 20170827



EPA/6
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